

What is Claimed is:

1. A method for preparing a non-spalling transparent laminated article which comprises the steps of;

- A. providing a multiplicity of indentions or contiguous grooves or scores on the surfaces of a laminating film, said laminating film comprising an extruded copolymer of an olefin and 13 to 22% by weight of an alpha olefin carboxylic acid which is at least partially neutralized with an alkali metal cation,
- B. placing a first sheet of glass in contact with one of the grooved surfaces of said laminating film;
- C. placing a second sheet of glass having a thickness of about 0.5 to 1.5 mm on the side of the laminating film, and then;
- D. applying heat and pressure or vacuum to the assembly to form a laminate.

2. The method of claim 1 wherein said bonding film and sheet are heated under a pressure of about 20 to 200 psi and a temperature of about 225 to 280°F.

3. The method of claim 1 wherein said laminating film comprises an extruded copolymer of ethylene and methacrylic or acrylic acid monomers at least partially neutralized with an alkali metal cation.

4. The method of claim 3 wherein said laminating film is 100% neutralized.

5. The method of claim 1 wherein said copolymer includes 0 to 5% by weight of a diamine.

6. The method of claim 2 wherein said colpolymer contains about 0.01 to 2.5 % by weight of ultraviolet blocker.

7. An anti-spalling laminated safety glass prepared by the method of claim 1.

8. The laminate of claim 7 having a thickness of about 4 to 60 mils.
9. An anti-spalling laminated safety glass prepared by the method of claim 2.
10. An anti-spalling laminated safety glass prepared by the method of claim 3.
11. An anti-spalling laminated safety glass prepared by the method of claim 4.
12. An anti-spalling laminated safety glass prepared by the method of claim 5.
13. An anti-spalling laminated safety glass prepared by the method of claim 6.

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